

Welcome to the 2021 Online HYSPLIT Workshop (DAY 1 of 4)

The broadcast is scheduled to start at:
09:00 Eastern Daylight Time (EDT) = 13:00 UTC

NOAA Air Resources Laboratory
June 15-18, 2021

1. **Welcome**
 2. **Agenda**
 3. **Go-to-Webinar Interface**
 4. **Asking Questions**
 5. **Screen Considerations**
 6. **Recordings**
- ... And then, on to the course!**

Welcome from
Dr. Ariel Stein
Deputy Director
NOAA Air Resources
Laboratory



**Workshop guidance
and resources posted at
[Workshop Web Page](https://www.ready.noaa.gov/register/HYSPLIT_hyagenda.php)**

**`https://www.ready.noaa.gov/
register/HYSPLIT_hyagenda.php`**

Agenda – Day 1

UTC	EDT	Agenda Item
13:00 – 13:15	09:00 – 09:15	Welcome, Introduction and Logistics
13:15 – 14:00	09:15 – 10:00	1. Installing HYSPLIT
14:00 – 14:10	10:00 – 10:10	Break
14:10 – 14:50	10:10 – 10:50	2. Testing the installation
14:50 – 15:00	10:50 – 11:00	Break
15:00 – 15:45	11:00 – 11:45	3. Gridded meteorological data sets
15:45 – 16:30	11:45 – 12:30	Break
16:30 – 18:00	12:30 – 14:00	4. Trajectory calculations
18:00 – 18:15	14:00 – 14:15	Break
18:15 – 19:30	14:15 – 15:30	5. Trajectory options
19:30 – 19:40	15:30 – 15:40	Break
19:40 – 20:45	15:40 – 16:45	6. Trajectory statistics
20:45 – 21:00	16:45 – 17:00	First day wrap-up

Agenda – Day 2

UTC	EDT	Agenda Item
13:00 – 13:15	09:00 – 09:15	Comments / questions from previous day
13:15 – 14:45	09:15 – 10:45	7. Air Concentration Calculations
14:45 – 15:00	10:45 – 11:00	Break
15:00 – 16:30	11:00 – 12:30	8. Configuring the CAPTEX simulation
16:30 – 17:30	12:30 – 13:30	Break
17:30 – 19:00	13:30 – 15:00	9. Air Concentration Parameter Sensitivity
19:00 – 19:15	15:00 – 15:15	Break
19:15 – 20:00	15:15 – 16:00	10. Alternate Display Options
20:00 – 20:45	16:00 – 16:45	11. Pollutant Transformations and deposition <i>(start this section if time permits)</i>
20:45 – 21:00	16:45 – 17:00	Second day wrap-up / questions

Agenda – Day 3

UTC	EDT	Agenda Item
13:00 – 13:15	09:00 – 09:15	Comments / questions from previous day
13:15 – 14:15	09:15 – 10:15	11. Pollutant Transformations and deposition <i>(start today or continue from yesterday)</i>
14:15 – 14:30	10:15 – 10:30	Break
14:30 – 16:00	10:30 – 12:00	12. Air Concentration Uncertainty
16:00 – 17:00	12:00 – 13:00	Break
17:00 – 18:00	13:00 – 14:00	13. Source Attribution Methods
18:00 – 18:15	14:00 – 14:15	Break
18:15 – 19:15	14:15 – 15:15	13. Source Attribution Methods <i>(continued)</i>
19:15 – 19:30	15:15 – 15:30	Break
19:30 – 20:45	15:30 – 16:45	14. Wildfire Smoke and Dust Storms
20:45 – 21:00	16:45 – 17:00	Third day wrap-up / questions

Note: all times are approximate

Agenda – Day 4

UTC	EDT	Agenda Item
13:00 – 13:15	09:00 – 09:15	Comments / questions from previous day
13:15 – 14:45	09:15 – 10:45	15. Radioactive Pollutants and Dose
14:45 – 15:00	10:45 – 11:00	Break
15:00 – 16:30	11:00 – 12:30	16. Volcanic Eruptions with Gravitational Settling
16:30 – 17:30	12:30 – 13:30	Break
17:30 – 18:30	13:30 – 14:30	17. Custom Simulations
18:30 – 18:45	14:30 – 14:45	Break
18:45 – 19:45	14:45 – 15:45	Questions and answer (Q & A) session with course instructor Roland Draxler
19:45 – 20:00	15:45 – 16:00	Final course wrap-up

3. Using the Go-to-Webinar Interface

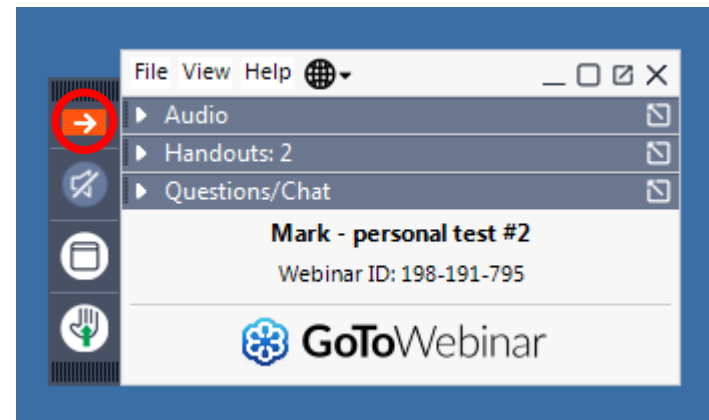
...relevant if you are live-streaming the Workshop, but not if you are just viewing a recording...

Using the Go-to-Webinar Interface



**Click the red
arrow to toggle
between hidden
and not-hidden**

If the Go-to-Webinar
Control Panel is
hidden (minimized) it
will look like this

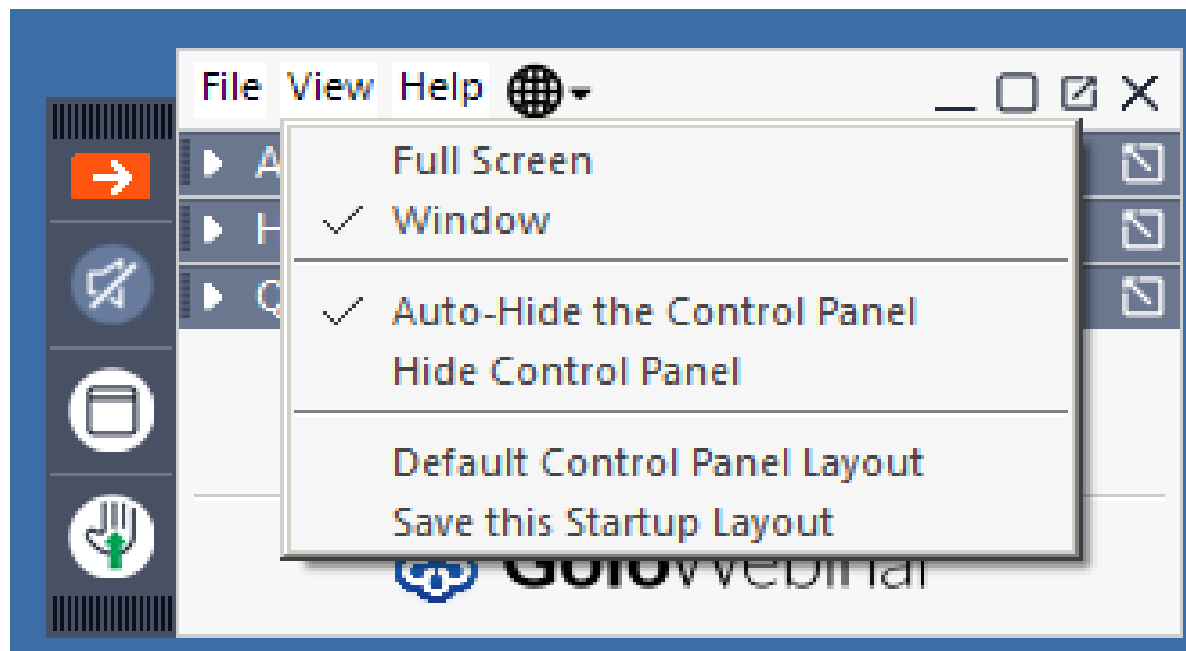


If not hidden, the Go-
to-Webinar Control
Panel will look
something like this

Using the Go-to-Webinar Interface

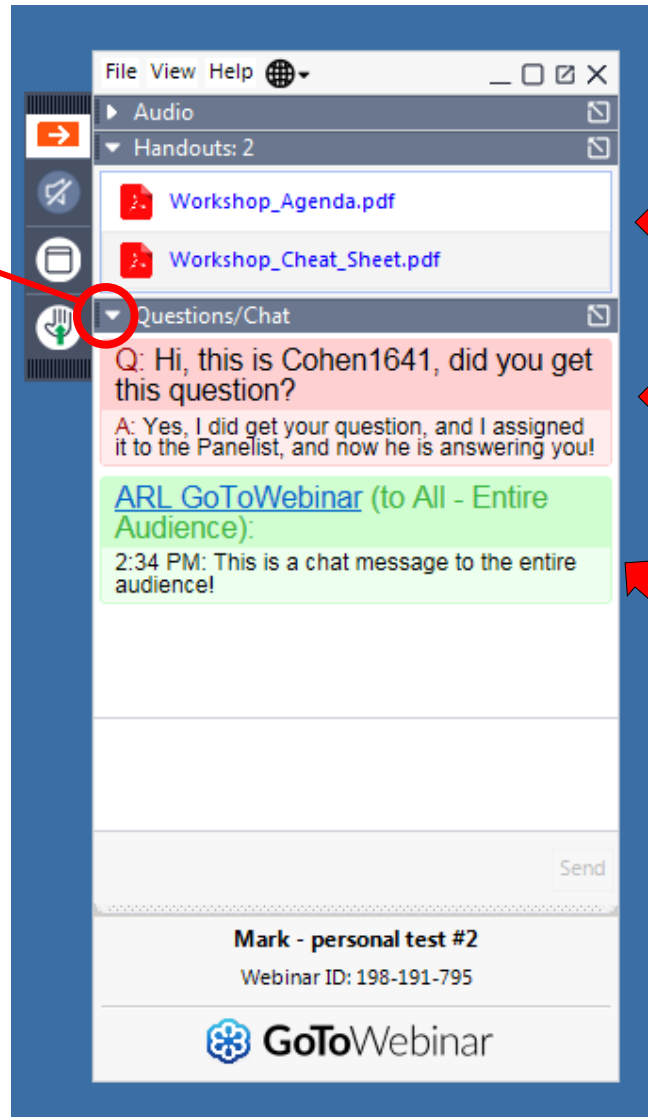
Use the View drop-down menu, for example:

- ✓ to autohide control panel or not
- ✓ to restore the basic default layout if something disappears



Using the Go-to-Webinar Interface

By toggling the little triangle by each Control Panel section, you can expand it or contract it

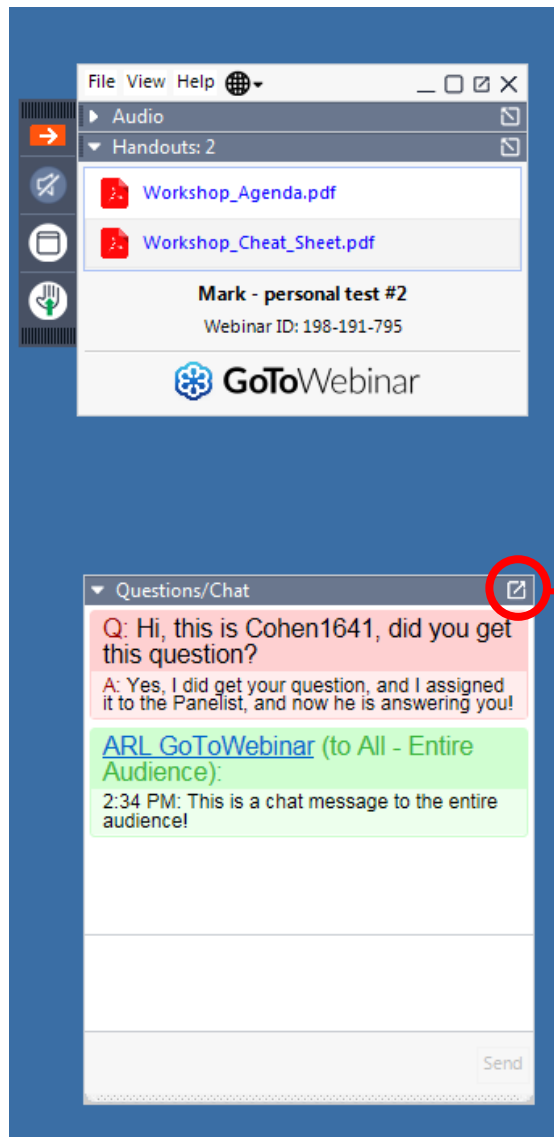


We will put important handouts in this section

When you ask questions of the staff, your questions and answers will be shown in this section

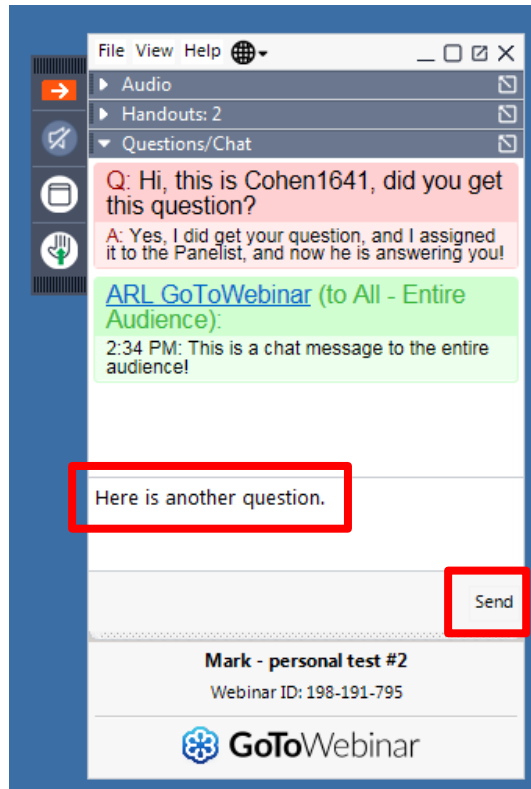
Or when the staff sends the audience a message, you will also see it here

Using the Go-to-Webinar Interface

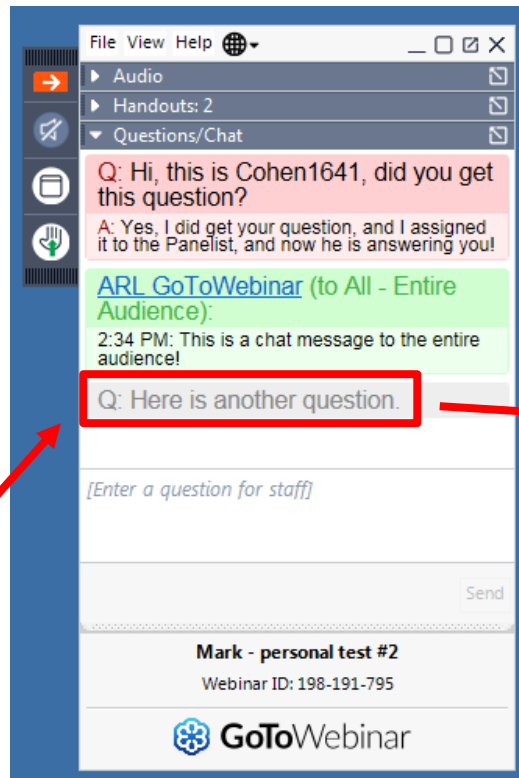


By toggling the little box in the upper right-hand corner of a given section, you can undock it or redock it

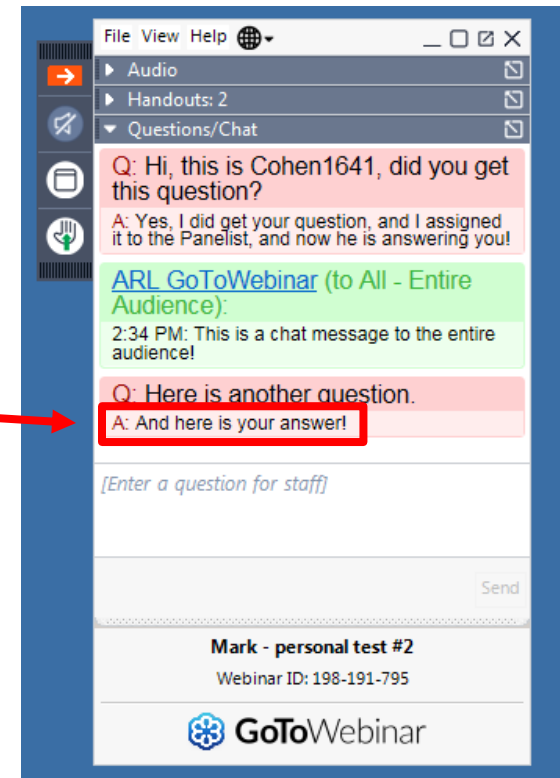
Using the Go-to-Webinar Interface



To ask a question, you type in the empty box, and then hit “send”



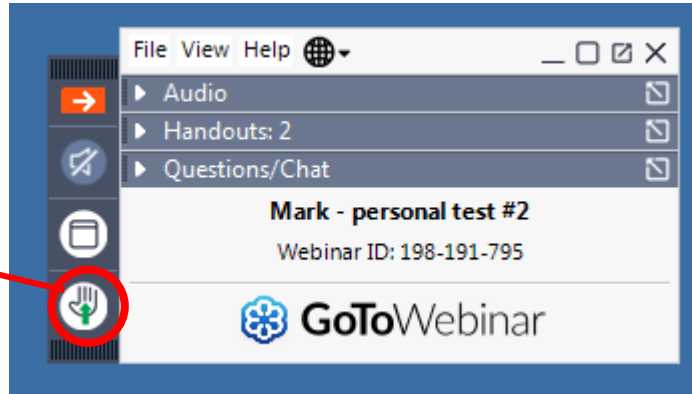
The question you asked should then show up in *your* Control Panel



When we answer it, the answer will show up in *your* Control Panel

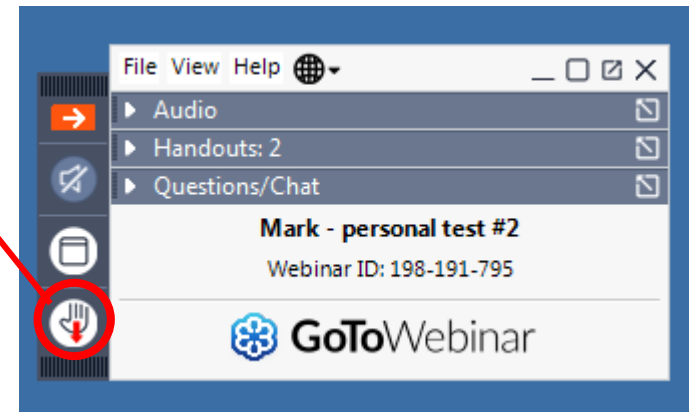
Using the Go-to-Webinar Interface

Sometimes we will ask for a show of hands on a particular question. You click the little hand icon to raise your hand



To lower your hand, you click again on the same icon.

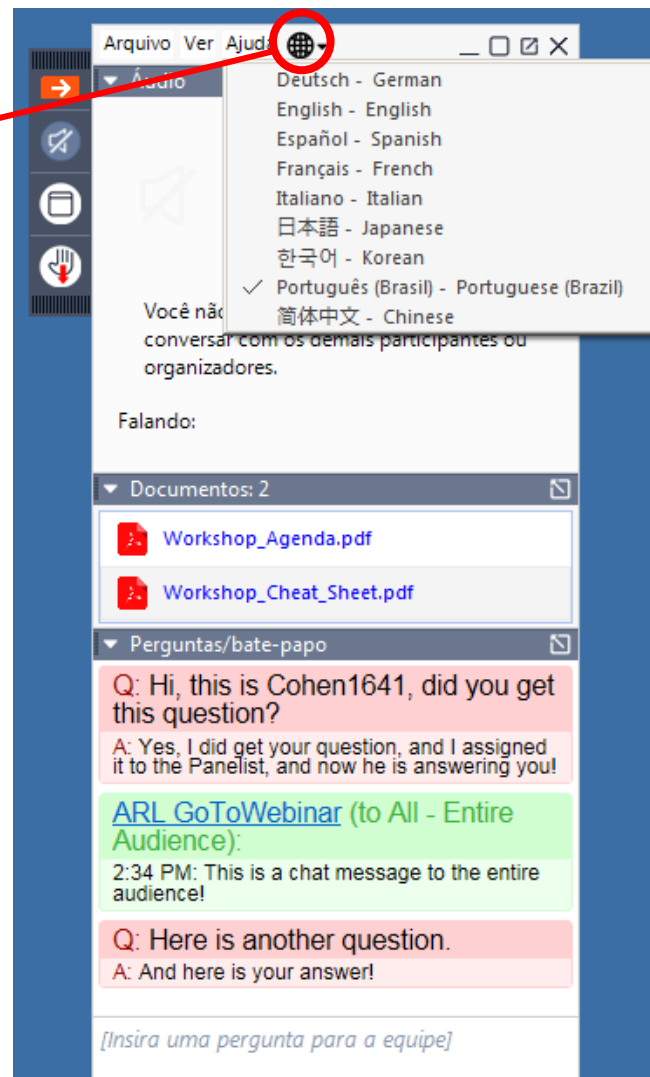
Normally, after we get the answers, we will automatically lower everyone's hand



You are in listen-only mode, so you don't raise your hand to ask a question.

Using the Go-to-Webinar Interface

You can click on the “globe” icon to change the language of the Control Panel. Although Questions and Answers will be in English

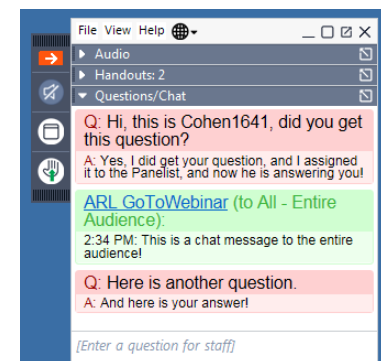


4. Asking Questions


Asking Questions

- Ask general questions about the Webinar or Go-to-Webinar in the Control Panel that was just discussed

*...if viewing a recording, can ask
general questions by emailing
arl.webmaster@noaa.gov*



- Ask questions about HYSPLIT and the Tutorial in the HYSPLIT Forum







HYSPLIT Forum: hysplitbbs.arl.noaa.gov
A Forum for HYSPLIT Dispersion Model Users to Communicate Questions, Problems, and Ideas for Upgrades, etc.

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2021 HYSPLIT Workshop Questions

FORUM	TOPICS	POSTS	LAST POST
 1. Installing HYSPLIT	1	1	Installing HYSPLIT using the ... by sonny.zinn  June 8th, 2021, 1:46 pm
 2. Testing the installation	1	4	Re: GSView requesting for ver... by sonny.zinn  June 8th, 2021, 6:24 am

Asking Questions

If you have not already registered
for the HYSPLIT Forum, you can
do so easily by clicking on the
“Register” icon at
<https://hysplitbbs.arl.noaa.gov/>

A screenshot of the top section of the HYSPLIT Forum website. It features a blue header bar with the phpBB logo on the left, the forum name and URL in the center, and a search bar on the right. Below the header is a light blue navigation bar containing links for "Quick links", "FAQ", "Board index", "Register", and "Login". The "Register" button is highlighted with a red square.

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HYSPLIT Forum: hysplitbbs.arl.noaa.gov
A Forum for HYSPLIT Dispersion Model Users to Communicate Questions, Problems, and Ideas for Upgrades, etc.

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It is currently June 7th, 2020, 7:32 pm

Asking Questions


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It is currently June 18th, 2020, 6:36 pm

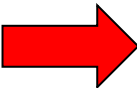
Last visit was: June 16th, 2020, 10:13 am


[Mark forums read](#)

HYSPLIT	TOPICS	POSTS	LAST POST
 Users General questions and postings pertaining to the use of HYSPLIT regardless of the platform. For platform specific questions, use the HYSPLIT Platform forums.	190	715	Re: Meteorological Data by barbara.stunder May 26th, 2020, 8:52 am
 Developers Questions and postings pertaining to the development of HYSPLIT, feature enhancements, and HYSPLIT internals. HYSPLIT source code and algorithms are discussed here.	19	70	Trying to Recreate This image by munleyj May 11th, 2020, 9:48 am
 Bugs Post any defects you find in the HYSPLIT software here. The HYSPLIT Developers carefully monitor this list and will work diligently to repair any reported problems. When posting a bug report, please specify both the HYSPLIT version and operating system you are using.	42	145	Re: question about DATEM form... by lida May 18th, 2020, 9:37 pm
 Announce Announcements pertaining to HYSPLIT, training materials, dispersion related jobs or research positions, or related software. This list is moderated and will not be used for any discussion.	25	47	Re: TAPPAS by alicecc January 27th, 2020, 12:26 pm

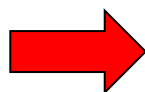



 in the atmosphere. This section is also to facilitate collaborations between researchers involved in chemical transport and dispersion.			January 22nd, 2020, 3:55 am
 Radiological Post questions, comments and links to research (research papers, web sites, etc) involving HYSPLIT and radiological nuclides. This section is also to facilitate collaborations between researchers involved in radiological nuclide transport and dispersion.	12	38	Re: Fukushima Calculation by ariel.stein September 20th, 2018, 9:25 am
 Cluster Analysis Topics about the trajectory clustering program for HYSPLIT.	31	133	Re: Generate cluster trajecto... by barbara.stunder August 26th, 2019, 7:35 am



FORUM	TOPICS	POSTS	LAST POST
 HYSPLIT Workshop	17	34	? Re: Moderator test by alicecc June 12th, 2020, 11:30 am

Asking Questions











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



HYSPLIT Workshop

FORUM	TOPICS	POSTS	LAST POST
 2021 HYSPLIT Workshop Questions	2	5	Installing HYSPLIT using the ... by sonny.zinn  June 8th, 2021, 1:46 pm
 2020 HYSPLIT Workshop Questions Questions from the 2020 Online HYSPLIT Workshop.	88	349	Re: ImageMagick version - up ... by nobella  April 14th, 2021, 12:22 am
 2019 HYSPLIT Workshop Questions During the four weeks of the 2019 HYSPLIT Workshop, users will be able to post questions on the week's topics to this Forum and model developers will try to answer them as soon as possible.	3	5	Re: Depositions calculated wi... by ariel.stein  June 17th, 2019, 3:58 pm

[New Topic](#) 





14 topics • Page 1 of 1

TOPICS	REPLIES	VIEWS	LAST POST
 2021 Online Hysplit Workshop by sonny.zinn » April 19th, 2021, 11:33 am	0	819	by sonny.zinn  April 19th, 2021, 11:33 am
 How to get registered ? by zaimiscd » February 27th, 2021, 3:22 pm	1	577	by sonny.zinn  March 1st, 2021, 8:34 am
 Hello			by barbara.stunder 

Asking Questions

<https://hysplitbbs.arl.noaa.gov/viewforum.php?f=57>




















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2021 HYSPLIT Workshop Questions

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 2. Testing the installation	1	4	Re: GSView requesting for ver... by sonny.zinn  June 8th, 2021, 6:24 am
 3. Gridded meteorological data files	0	0	No posts
 4. Trajectory calculations	0	0	No posts
 5. Trajectory options	0	0	No posts
 6. Trajectory statistics	0	0	No posts
 7. Air concentration calculations	0	0	No posts
 8. Configuring the CAPTEX simulation	0	0	No posts
 9. Air concentration parameter sensitivity	0	0	No posts
 10. Alternate display options	0	0	No posts
 11. Pollutant transformations and deposition	0	0	No posts
 12. Air concentration uncertainty	0	0	No posts
 13. Source attribution methods	0	0	No posts
 14. Wildfire smoke and dust storms	0	0	No posts
 15. Radioactive pollutants and dose	0	0	No posts
16. Volcanic eruptions with gravitational settling	0	0	No posts
17. Custom simulations	0	0	No posts

You can post your question in the appropriate section, based on where in the Tutorial your question refers to.

Asking Questions

You can look to see if there already is a similar question, and if not, you can create a **New Topic**



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
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
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1. Installing HYSPLIT

[New Topic](#)

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TOPICS	REPLIES	VIEWS	LAST POST
 I cannot Run Hysplit after following the installaction by Cares » June 18th, 2020, 12:30 pm	1	3	by MarkCohen  June 18th, 2020, 6:57 pm
 Desktop icon Run Hysplit not working ? by Claudia_Rivera » June 18th, 2020, 2:01 pm	0	0	by Claudia_Rivera  June 18th, 2020, 2:01 pm
 Failure in unzipping the contents of 'Tutorial.zip' by flaviavieira » June 2nd, 2020, 10:02 am	3	300	by sonny.zinn  June 9th, 2020, 1:45 pm
 tutorial/index.html not working by kschwager » May 28th, 2020, 8:58 am	1	57	by sonny.zinn  May 29th, 2020, 11:48 am

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[Return to Board Index](#)

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Asking Questions

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Board index < HYSPLIT Workshop < 2020 HYSPLIT Workshop Questions < 1. Installing HYSPLIT

1. Installing HYSPLIT

POST A NEW TOPIC

Subject:

B I U Normal

Add your question text in this box.

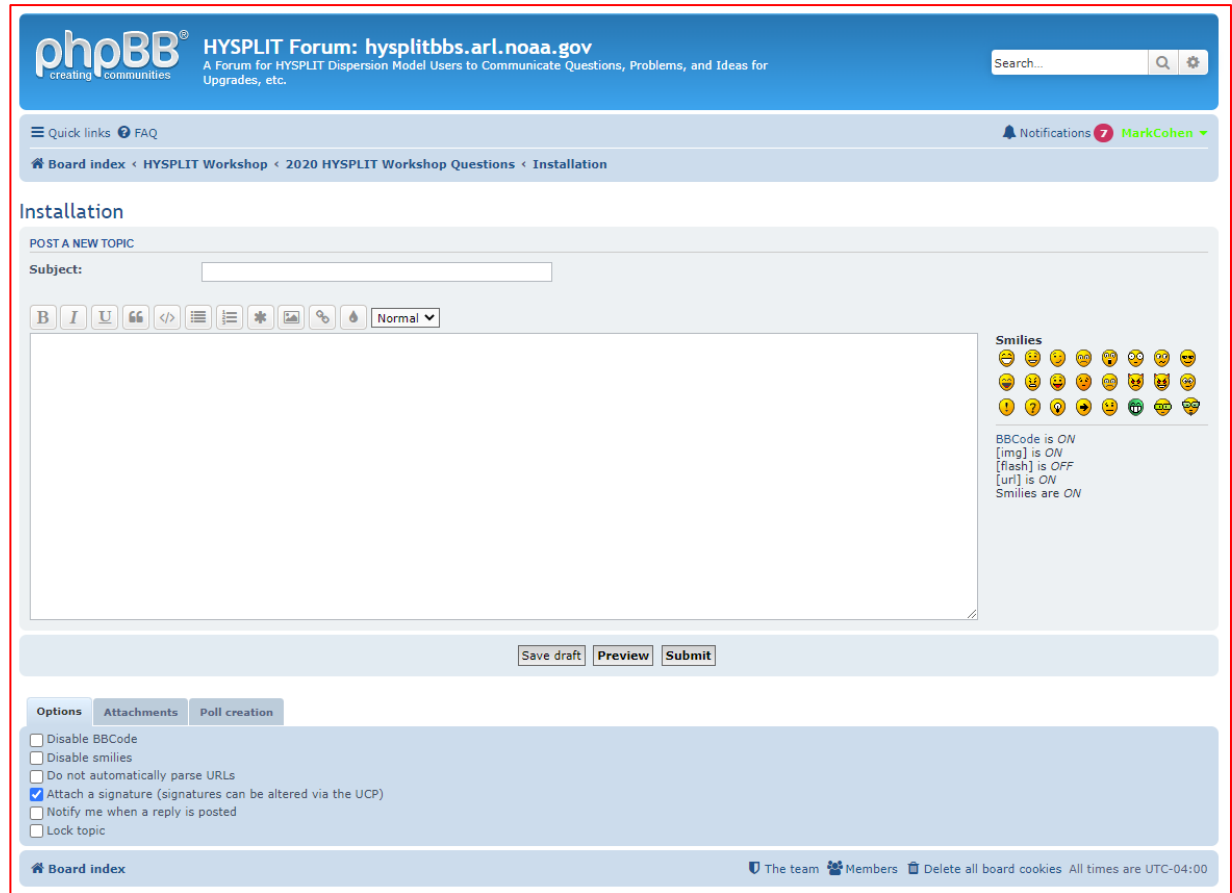
Please avoid putting any links in your post.

Do not start any line with two dashes "--"

Smilies

Asking Questions

- You can ask more detailed questions, e.g., can attach screen shots
- We can provide more detailed answers
- There can be an exchange back and forth, if needed
- Can see other questions – in case you have a similar question
- We can give you a link to the answer to a similar question
- Accessible to people just viewing the recordings

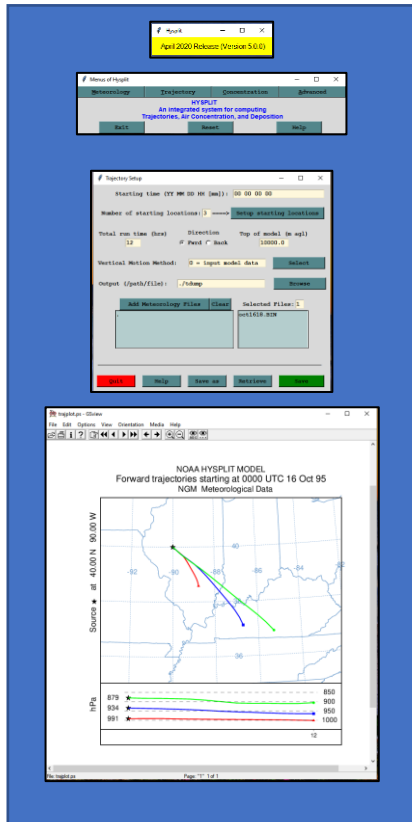


The screenshot shows the phpBB forum interface for HYSPLIT Forum. The header includes the forum name and a search bar. The main content area is titled "Installation" and features a "POST A NEW TOPIC" form. The form includes a "Subject:" field, a rich text editor with various formatting tools (bold, italic, underline, link, etc.), and a "Smilies" section with a grid of smiley icons. Below the form are buttons for "Save draft", "Preview", and "Submit". At the bottom, there are tabs for "Options", "Attachments", and "Poll creation", followed by a list of checkboxes for forum settings (e.g., "Disable BBCode", "Attach a signature"). The footer contains links to "Board index", "The team", "Members", and a cookie notice.

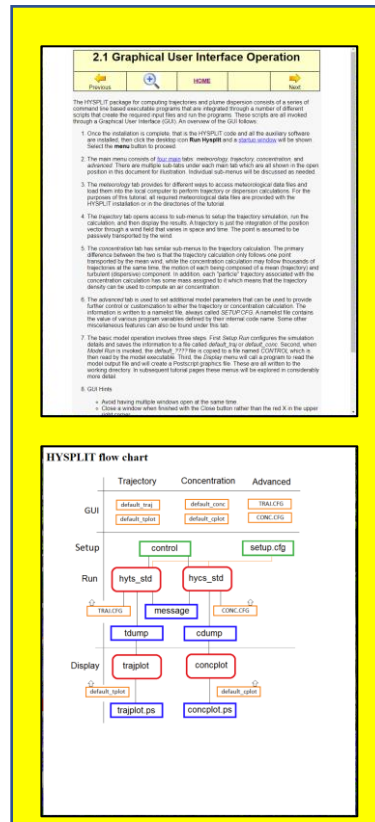
5. Screen Considerations

Screen Considerations

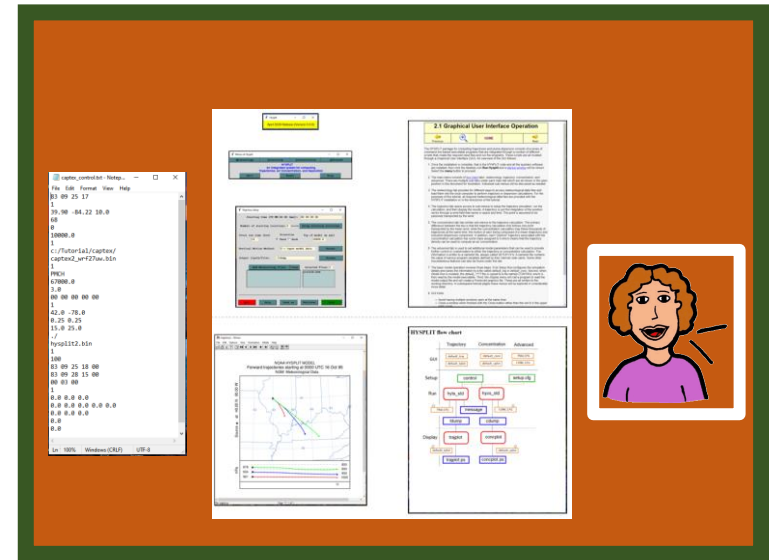
Screen area devoted
to your *own* hands-on
HYSPLIT modeling



Screen area devoted
to your *own* viewing
of Tutorial



Screen area
devoted to viewing
the Webinar



We recommend that a 2nd screen be used, if this is possible, e.g., to display the Workshop Webinar video. In this way, the participant can carry out their hands-on HYSPLIT work, in conjunction with the Workshop, and still conveniently view the ongoing, associated instructions.

6. Recordings

Recordings

Access recordings from the Workshop Web Page:
https://www.ready.noaa.gov/register/HYSPLIT_hyagenda.php

- ☐ Recordings of each day's on-line sessions are being created, *but processing takes significant time (~4 to 8+ hours after a day's session ends)*
- ☐ Workshop Web Page – once the video is posted on our site, the corresponding item in the list below will turn into a link you can click to view
 - Placeholder for Day 1 video recording
 - Placeholder for Day 2 video recording
 - Placeholder for Day 3 video recording
 - Placeholder for Day 4 video recording

[Day 1 video recording](#)

Thanks to the

IT Team and the **HYSPLIT Team**

of the NOAA Air Resources Laboratory
for providing behind-the-scenes support
throughout this Workshop

*...we will try our best to answer all of your questions,
but we ask for your patience, as there are 100's of
people in this Workshop and only a few of us...*

Course Instructor

Roland Draxler

NOAA Air Resources
Laboratory (retired)

